1.	This international preliminary rep International Searching Authority		I) is issued by the International Bureau on behalf of the
2.	This REPORT consists of a total  In the attached sheets, any reference to the international preliminary re-	nce to the written opinion of	the International Searching Authority should be read as a reference
3.	This report contains indications re	elating to the following items	s:
	Box No. I	Basis of the report	
	Box No. II	Priority	
	Box No. III	Non-establishment of opin applicability	ion with regard to novelty, inventive step and industrial
	Box No. IV	Lack of unity of invention	
	Box No. V		Article 35(2) with regard to novelty, inventive step or industrial explanations supporting such statement
	Box No. VI	Certain documents cited	
	Box No. VII	Certain defects in the inter	national application
	Box No. VIII	Certain observations on the	e international application
4.			gnated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but er Article 23(2), before the expiration of 30 months from the priority
			Date of issuance of this report 08 May 2006 (08.05.2006)
	The transmission of Decision		Authorized officer

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The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

### PATENT COOPERATION TREATY

			PA	TENT COOPER	RA	TION TREAT	Y 7	Pa.
From the		AL SEARCHIN	G AUTHOR	ITY				WS.
То:				PCT PCT				
							ITTEN OPINIO	
							(PCT Rule 43b	vis.1)
						Date of mailing (day/month/year)	26.10.20	004
l .	nt's or a	gent's file referen	ce			FOR FURTHER A	.CTION See paragraph 2 bel	low
1		plication No. 2004/012	617	International filing date 25.08.2004		lay/month/year)	Priority date (day/r 29.08.20	
C07	D487	7/04, A6	1K31/49	n national classification at 985, A61P3/1		0, 43/00		
1.		pinion contains i	ndications rela	ting to the following item	ns:			
i	$\bowtie$	Box No. I	Basis of the	opinion				
		Box No. II	Priority					
		Box No. III	Non-establi	shment of opinion with re	ega	ard to novelty, inventi	ve step and industri	al applicability
1	Ä	Box No. IV		ty of invention				an as industrial
ŀ	$\boxtimes$	Box No. V		atement under Rule 43bis; citations and explanation				ep or musura
	$\boxtimes$	Box No. VI	Certain doc	uments cited				
	닠	Box No. VII	Certain defe	ects in the international ap	ppl	lication		
	Ш	Box No. VIII	Certain obs	ervations on the internation	ona	al application		
2.	If a d Intern than t this It	national Prelimina his one to be the nternational Searc	ry Examining IPEA and the hing Authorit	Authority ("IPEA") exce chosen IPEA has notified will not be so considered	ept ed ( ed.	that this does not app the International Bur	oly where the applic eau under Rule 66.1	be a written opinion of the ant chooses an Authority other lbis(b) that written opinions of
	writte PCT/	n reply together. ISA/220 or before	where appro the expiration	priate, with amendments n of 22 months from the p	s, t	before the expiration	of 3 months from	nvited to submit to the IPEA a the date of mailing of Form
3.		erther options, see						
Name	and mail	ing address of the	ISA/IP		_	Authorized officer		
name 8	auu mäll	ung audiess of the	, iomit			1 ISTROVIZED OFFICE		
Facsim	ile No.					Telephone No.		

International application No.
PCT/JP2004/012617

Вох	x No. I	Basis of this opinion
1.		regard to the language, this opinion has been established on the basis of the international application in the language in which it was, unless otherwise indicated under this item.
		This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under
		Rule 12.3 and 23.1(b)).
2.		n regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ntion, this opinion has been established on the basis of:
	a.	type of material
		a sequence listing
		table(s) related to the sequence listing
	b.	format of material
		in written format
		in computer readable form
	c.	time of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Add	itional comments:

International application No.
PCT/JP2004/012617

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability							
The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:							
	the entire international application						
	claims Nos. 21						
because	e:						
	the said international application, or the said relate to the following subject matter which or	claims Nos. 21 loes not require an international preliminary examinatio	on (specify):				
	Claim 21 pertains to	methods for treatment of	the				
	human body by therap	y and thus relates to sub	oject				
:	matter which this In	ternational Preliminary					
	Examination Authorit	y is not required to exam	mine.				
1	the description, claims or drawings (indicate are so unclear that no meaningful opinion co	particular elements below) or said claims Nos. uld be formed (specify):					
1	the claims, or said claims Nos.  by the description that no meaningful opinion	n could be formed.	are so inadequately supported				
	no international search report has been estable						
	•	isting does not comply with the standard provided for i	in Annex C of the Administrative				
	the written form	has not been furnished					
	the computer readable form	does not comply with the standard has not been furnished					
		does not comply with the standard					
	the tables related to the nucleotide and/or attechnical requirements provided for in Anne.	mino acid sequence listing, if in computer readable for $x - C$ of the Administrative Instructions.	rm only, do not comply with the				
	See Supplemental Box for further details.						

International application No.
PCT/JP2004/012617

Box No. V Reasoned statement unde citations and explanations			tule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; apporting such statement		
1.	Statement				
	Novelty (N)	Claims	1-20	YES	
		Claims		NO	
	Inventive step (IS)	Claims	1-20	YES	
		Claims		NO	
	Industrial applicability (IA)	Claims	1-20	YES	
		Claims		NO	

#### 2. Citations and explanations:

Document 1:

WO 02/068420 A1 (Boehringer Ingelheim

Pharma KG), 6 September 2002

Document 2:

WO 02/24698 Al (Schering Corporation), 28

March 2002

### Claims 1-20

Neither document 1 or 2 discloses the compounds represented by formula (I) in claim 1, moreover this invention would not be obvious to a person skilled in the art. Furthermore, the use of said compounds in DPP-IV inhibitors or in treatment agents for diabetes is neither disclosed nor suggested in documents 1 and 2. Therefore, the invention set forth in claims 1-20 is novel and involves an inventive step.

International application No.
PCT/JP2004/012617

Box No. VI	Certain documents c	ited					
1. Certain	published documents (Rule	13 <i>bis</i> .1 and 70.	.10)				
	Application No. Patent No.		Publication date (day/month/year)	Filing da (day/month/		Priority date (valid claim) (day/month/year)	
	P 2004-43429	A	12.02.2004	21.02.2	2003	25.02.2002	
[	E, X]						
2. Non-w	ritten disclosures (Rule 43bis	.1 and 70.9)					
	Kind of non-written disclosure		Date of non-written disclosure (day/month/year)		Date of written disclosure referring to non-written disclosure (day/month/year)		